

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b> Application Number _____ Filing Date _____ First Named Inventor <b>Herb M. Popiawski</b> Art Unit <b>3681</b> Examiner Name <b>unassigned</b> Attorney Docket Number <b>36400.35US?</b>	
Sheet	1	of	4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
TDL		US-6,391,120	BI	5/21/2002	Silva	
		US-6,367,176	BI	4/09/2002	Zaugg et al.	
		US-6,347,753	BI	2/19/2002	Anderson	
		US-6,347,671	BI	2/19/2002	Stiller et al.	
		US-6,305,204	BI	10/23/2001	Tauzer	
		US-6,305,105	BI	10/23/2001	Lowman	
		US-6,266,598	BI	7/24/2001	Pillar et al.	
		US-6,260,293	BI	7/17/2001	Monroe	
		US-6,247,254	BI	6/19/2001	Wessman	
		US-6,240,660	BI	6/05/2001	Dugas	
		US-6,230,608	BI	5/15/2001	Schaedler et al.	
		US-6,199,354	BI	3/13/2001	King et al.	
		US-6,185,920	BI	2/13/2001	Oxley	
		US-6,155,033		12/05/2000	Wians et al.	
		US-6,154,985		12/05/2000	Champagne et al.	
		US-6,131,316		10/17/2000	Yoshina et al.	
		US-6,105,348		8/22/2000	Turk et al.	
	✓		US-6,098,385		8/8/2000	Turk
TDL		US-6,089,341		7/18/2000	Gingerich	
		US-6,085,502		7/17/2000	Wians et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code3	-Number4 -Kind Code* (if known)				
							</

Examiner Signature	Date Considered <b>5/10/04</b>
--------------------	--------------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

BEST AVAILABLE COPY

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	2	of	4
-------	---	----	---

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Herb M. Poplawski
Art Unit	3681
Examiner Name	unassigned
Attorney Docket Number	36400.35US2

Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
JOL		US-6,061,617	5/09/2000	Berger et al.	
		US-6,010,423	1/04/2000	Jolliff et al.	
		US-6,009,642	1/04/2000	Nugent	
		US-5,989,356	11/23/1999	Candeletti	
		US-5,971,881	10/26/1999	Jolliff	
		US-5,911,672	6/15/1999	Schaedler et al.	
		US-5,787,613	8/4/1998	Derome	
		US-5,784,870	7/28/1998	Seegert et al.	
		US-5,784,756	7/28/1998	Slocum et al.	
		US-5,743,347	4/28/1998	Gingerich	
		US-5,711,139	1/27/1998	Swanson	
		US-5,653,509	8/05/1997	Bieri, Jr.	
		US-5,540,004	7/30/1996	Patterson et al.	
		US-5,522,339	6/04/1996	Pelly	
		US-5,513,453	5/07/1996	Norton	
JOL		US-5,477,600	12/26/1995	Houle et al.	
		US-5,449,140	9/12/1995	Lastowski	
		US-5,389,752	2/14/1995	Karbassi	
		US-5,297,351	3/29/1994	Cote	
		US-5,209,003	5/11/1993	Maxfield et al.	

[illegible]

Examiner  
Signature

Date Considered

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden-Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

# Best Available Copy

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 3 of 4

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Herb M. Poplawski
Art Unit	3681
Examiner Name	unassigned
Attorney Docket Number	36400.35US2

Examiner Initials*	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code 2 (if known)	MM-DD-YYYY		
TQ		US-5,203,250	4/20/1993	Sundberg	
		US-5,174,595	12/29/1992	Snipes	
		US-5,123,805	6/23/1992	Ishimori et al.	
		US-5,074,373	12/24/1991	Schmidt	
		US-5,006,100	4/09/1991	Brandt et al.	
		US-4,969,533	11/13/1990	Holm et al.	
		US-4,949,805	8/21/1990	Mather et al.	
		US-4,869,003	9/26/1989	O'Loughlin	
		US-4,826,389	5/02/1989	Meyer et al.	
		US-4,807,904	2/28/1989	Kamlukin et al.	
		US-4,790,085	12/13/1988	Rossman	
		US-4,744,582	5/17/1988	Wykhuis et al.	
		US-4,720,233	1/19/1988	Meyer et al.	
		US-4,719,743	1/19/1988	Bokon	
		US-4,658,662	4/21/1987	Rundle	
V RZ		US-4,651,452	3/24/1987	Husso	
		US-4,625,990	12/02/1986	Orth et al.	
		US-4,615,129	10/07/1986	Jackson	
		US-4,597,203	7/01/1986	Middleton	
		US-4,592,156	6/03/1986	Schmidt	

[illegible]

**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

5/10/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**Best Available Copy**

**Best Available Copy**